AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-175: Cancelled

176.   (New) A method for specifying using a data processing system comprising the steps of:

reading a first list of nouns from a dictionary database;

attempting to match a set of user input to the first list to select a first element, the first element being a noun;

if a definitive match is not made, displaying a list of possible first elements from the first list and permitting selection of a member of the possible first elements list;

reading a second list of adjectives from the dictionary database based upon the selected first element;

attempting to match the set of user input to the second list to select a second element, the second element being an adjective;

if a definitive match is not made, displaying a list of possible second elements from the second list and permitting selection of a member of the possible second element list;

reading a third list of attributes from the dictionary database based upon the selected first element and the selected second element;

attempting to match the set of user input to the third list to select a set of third elements and corresponding third element values, the third elements being attributes;

if a definitive match is not made, displaying a list of possible third elements from the

third list and permitting selection of a set of third elements of the possible third

element list and entry of corresponding third element values; and

composing a specification from the selected member of the first list, the selected member

of the second list, and the selected set of third elements and corresponding third

element values.

177. (New) The method of claim 176 wherein the first list is mutually-exclusive.

178. (New) The method of claim 176 wherein the second list is mutually-exclusive.

179. (New) The method of claim 178 wherein the first list is mutually-exclusive.

180. (New) The method of claim 176 further comprising the steps of:

determining appropriate first synonyms for the first element; and

adding the first synonyms to the specification.

181. (New) The method of claim 176 further comprising the steps of:

determining appropriate first synonyms for the second element; and

adding the second synonyms to the specification.

182. (New) The method of claim 176 further comprising the steps of:

determining appropriate third synonyms for an element of the set of third elements; and

adding the third synonyms to the specification.

183.   (New) The method of claim 176 wherein the step of attempting to match the user input to the first list is accomplished with further reference to external factors.

184.   (New) The method of claim 176 further comprising the steps of:

permitting the user to elect entry of a freeform specification;

accepting entry of a freeform specification; and

composing the specification from the freeform specification.

185.   (New) The method of claim 176 wherein each attribute comprises a value.

186.   (New) The method of claim 185 wherein each attribute further comprises a label.

187.   (New) The method of claim 176 comprising the additional step of writing the specification to a listing database.

188.   (New) The method of claim 187 comprising the additional step of passing the specification to a server.

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189.   (New) The method of claim 187 wherein the specification is used to add to the listing

database a description of the element.

190.   (New) The method of claim 176 wherein the specification is used to compose a query to

locate a certain element the database.

191.   (New) The method of claim 176 wherein the specification is composed in a different

language from that utilized during the other steps in the method.

192.   (New) The method of claim 191 wherein the data processing system is configured to

access a computerized translation service.

193.   (New) The method of claim 191 wherein the data processing system comprises a

computerized translation service.

194.   (New) The method of claim 188 wherein the specification is passed in a different

language from that utilized during the other steps in the method.

195.   (New) The method of claim 176 wherein the data processing system is configured to

access a sales system.

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196.   (New) The method of claim 176 wherein the data processing system is configured to
access a system to facilitate goods sales.

197.   (New) The method of claim 176 wherein the data processing system is configured to
access a search engine.

198.   (New) The method of claim 179 wherein the data processing system is configured to
access a local search engine.

199.   (New) The method of claim 176 wherein the data processing system is configured to
access an inventory control system.

200.   (New) The method of claim 176 wherein the data processing system is configured to
access a customer assistance system.

201.   (New) The method of claim 176 wherein the data processing system is configured to
access a computerized telephone directory service.

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202.   (New) A method for specifying using a data processing system comprising the steps of:

reading a first list of nouns from a dictionary database, wherein the first list is mutually-

exclusive;

attempting to match a set of user input to the first list to select a first element, the first

element being a noun;

if a definitive match is not made, displaying a list of possible first elements from the first

list and permitting selection of a member of the possible first elements list;

reading a second list of adjectives from the dictionary database based upon the selected

first element wherein the second list is mutually-exclusive;

attempting to match the set of user input to the second list to select a second element, the

second element being an adjective;

if a definitive match is not made, displaying a list of possible second elements from the

second list and permitting selection of a member of the possible second element

list;

reading a third list of attributes from the dictionary database based upon the selected first

element and the selected second element;

attempting to match the set of user input to the third list to select a set of third elements

and corresponding third element values, the third elements being attributes;

if a definitive match is not made, displaying a list of possible third elements from the

third list and permitting selection of a set of third elements of the possible third

element list and entry of corresponding third element values;

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composing a specification from the selected member of the first list, the selected member

of the second list, and the selected set of third elements and corresponding third

element values;

determining appropriate first synonyms for the first element;

adding the first synonyms to the specification;

determining appropriate first synonyms for the second element;

adding the second synonyms to the specification;

determining appropriate third synonyms for an element of the set of third elements; and

adding the third synonyms to the specification.

203. (New) The method of claim 202 further comprising the steps of:

permitting the user to elect entry of a freeform specification;

accepting entry of a freeform specification; and

composing the specification from the freeform specification.

204. (New) The method of claim 202 wherein each attribute comprises a value.

205. (New) The method of claim 204 wherein each attribute further comprises a label.

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206.   (New) A method for specifying using a data processing system comprising the steps of:

reading a first list of verbs from a dictionary database;

attempting to match a set of user input to the first list to select a first element, the first

element being a verb;

if a definitive match is not made, displaying a list of possible first elements from the first

list and permitting selection of a member of the possible first elements list;

reading a second list of adverbs from the dictionary database based upon the selected first

element;

attempting to match the set of user input to the second list to select a second element, the

second element being an adverb;

if a definitive match is not made, displaying a list of possible second elements from the

second list and permitting selection of a member of the possible second element

list;

reading a third list of attributes from the dictionary database based upon the selected first

element and the selected second element;

attempting to match the set of user input to the third list to select a set of third elements

and corresponding third element values, the third elements being attributes;

if a definitive match is not made, displaying a list of possible third elements from the

third list and permitting selection of a set of third elements of the possible third

element list and entry of corresponding third element values;

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composing a specification of services from the selected member of the first list, the

selected member of the second list, and the selected set of third elements and

corresponding third element values.

207.   (New) The method of claim 206 wherein the first list is mutually-exclusive.

208.   (New) The method of claim 206 wherein the second list is mutually-exclusive.

209.   (New) The method of claim 208 wherein the first list is mutually-exclusive.

210.   (New) The method of claim 206 further comprising the steps of:

determining appropriate first synonyms for the first element; and

adding the first synonyms to the specification.

211.   (New) The method of claim 206 further comprising the steps of:

determining appropriate first synonyms for the second element; and

adding the second synonyms to the specification.

212.   (New) The method of claim 206 further comprising the steps of:

determining appropriate third synonyms for an element of the set of third elements; and

adding the third synonyms to the specification.

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213. (New) The method of claim 206 wherein the step of attempting to match the user input to the first list is accomplished with further reference to external factors.

214. (New) The method of claim 206 further comprising the steps of:

permitting the user to elect entry of a freeform specification;

accepting entry of a freeform specification; and

composing the specification from the freeform specification.

215. (New) The method of claim 206 wherein each attribute comprises a value.

216. (New) The method of claim 218 wherein each attribute further comprises a label.

217. (New) The method of claim 206 comprising the additional step of writing the specification to a listing database.

218. (New) The method of claim 217 comprising the additional step of passing the specification to a server.

219. (New) The method of claim 217 wherein the specification is used to add to the listing database a description of the element.

220.   (New) The method of claim 206 wherein the specification is used to compose a query to locate a certain element the database.

221.   (New) The method of claim 206 wherein the specification is composed in a different language from that utilized during the other steps in the method.

222.   (New) The method of claim 221 wherein the data processing system is configured to access a computerized translation service.

223.   (New) The method of claim 221 wherein the data processing system comprises a computerized translation service.

224.   (New) The method of claim 218 wherein the specification is passed in a different language from that utilized during the other steps in the method.

225.   (New) The method of claim 206 wherein the data processing system is configured to access a sales system.

226.   (New) The method of claim 206 wherein the data processing system is configured to facilitate the ordering of services.

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227. (New) The method of claim 206 wherein the data processing system is configured to access a search engine.

228. (New) The method of claim 209 wherein the data processing system is configured to access a local search engine.

229. (New) The method of claim 206 wherein the data processing system is configured to access a customer assistance system.

230. (New) The method of claim 206 wherein the data processing system is configured to access a computerized telephone directory service.

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231.   (New) A method for specifying using a data processing system comprising the steps of:

reading a first list of verbs from a dictionary database, wherein the first list is mutually-

exclusive;

attempting to match a set of user input to the first list to select a first element, the first

element being a verb;

if a definitive match is not made, displaying a list of possible first elements from the first

list and permitting selection of a member of the possible first elements list;

reading a second list of adverbs from the dictionary database based upon the selected first

element, wherein the second list is mutually exclusive;

attempting to match the set of user input to the second list to select a second element, the

second element being an adverb;

if a definitive match is not made, displaying a list of possible second elements from the

second list and permitting selection of a member of the possible second element

list;

reading a third list of attributes from the dictionary database based upon the selected first

element and the selected second element;

attempting to match the set of user input to the third list to select a set of third elements

and corresponding third element values, the third elements being attributes;

if a definitive match is not made, displaying a list of possible third elements from the

third list and permitting selection of a set of third elements of the possible third

element list and entry of corresponding third element values;

composing a specification of services from the selected member of the first list, the

selected member of the second list, and the selected set of third elements and

corresponding third element values;

determining appropriate first synonyms for the first element;

adding the first synonyms to the specification;

determining appropriate first synonyms for the second element;

adding the second synonyms to the specification;

determining appropriate third synonyms for an element of the set of third elements; and

adding the third synonyms to the specification.

232.   (New) The method of claim 231 further comprising the steps of:

permitting the user to elect entry of a freeform specification;

accepting entry of a freeform specification; and

composing the specification from the freeform specification.

233.   (New) The method of claim 231 wherein each attribute comprises a value.

234.   (New) The method of claim 233 wherein each attribute further comprises a label.

235. (New) A computer program product in a computer-readable medium adapted to specifying using a data processing system, the computer program product comprising:

a first list reading code comprising a set of codes operable to direct the data processing system to read a first list of nouns from a dictionary database;

a first matching code comprising a set of codes operable to direct the data processing system to attempt to match a set of user input to the first list to select a first element, wherein the first element is a noun;

a first element selection code comprising a set of codes operable to direct the data processing system to display a list of possible first elements from the first list and permit selection of a member of the first list if a definitive match is not made by the first matching code;

a second list reading code comprising a set of codes operable to direct the data processing system to read a second list of adjectives from the dictionary database based upon the selected first element;

a second matching code comprising a set of codes operable to direct the data processing system to attempt to match the set of user input to the second list to select a second element, wherein the second element is an adjective;

a second element selection code comprising a set of codes operable to direct the data processing system to display a list of possible second elements from the second list and permit selection of a member of the second list if a definitive match is not made by the second matching code;

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a third list reading code comprising a set of codes operable to direct the data processing

system to read a third list of attributes from the dictionary database based upon

the selected first element and the selected second element;

a third matching code comprising a set of codes operable to direct the data processing

system to attempt to match the set of user input to the third list to select a set of

third elements and corresponding third element values, wherein the third elements

are attributes;

a third element selection code comprising a set of codes operable to direct the data

processing system to display a list of possible third elements from the third list

and permit selection of a set of third elements and entry of corresponding third

element values if a definitive match is not made by the third matching code;

a composition code comprising a set of codes operable to direct the data processing

system to compose a specification of a good from the first element, the second

element, and the set of third elements and corresponding values.

236.   (New) The method of claim 235 wherein the first list is mutually-exclusive.

237.   (New) The method of claim 235 wherein the second list is mutually-exclusive.

238.   (New) The method of claim 237 wherein the first list is mutually-exclusive.

239.   (New) The computer program product of claim 235 further comprising:

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a specification writing code comprising a set of codes operable to direct the data

processing system to write the specification to a listing database.

240.   (New) The computer program product of claim 235 further comprising:

a specification passing code comprising a set of codes operable to direct the data

processing system to passing the specification to a server.

241.   (New) The computer program product of claim 235 wherein the specification is suitable

to be used to add a description of the good to a database.

242.   (New) The computer program product of claim 235 wherein the specification is suitable

to be used to locate a description of a good within a database.

243.   (New) The computer program product of claim 235 wherein the composition code

further comprises codes to direct the data processing system to compose the specification

in a different language from that previously used by the user to select the first element,

the second element and the set of third elements and corresponding values.

244.   (New) The computer program product of claim 240 wherein the specification passing

code further comprises codes operable to direct the data processing system to pass to the

specification in a different language from that used by the user to select the first element,

the second element and the set of third elements and corresponding values.

245.   (New) A computer program product in a computer-readable medium adapted to specifying using a data processing system, the computer program product comprising:

a first list reading code comprising a set of codes operable to direct the data processing system to read a first list of verbs from a dictionary database;

a first matching code comprising a set of codes operable to direct the data processing system to attempt to match a set of user input to the first list to select a first element, wherein the first element is a verb;

a first element selection code comprising a set of codes operable to direct the data processing system to display a list of possible first elements from the first list and permit selection of a member of the first list if a definitive match is not made by the first matching code;

a second list reading code comprising a set of codes operable to direct the data processing system to read a second list of adverbs from the dictionary database based upon the selected first element;

a second matching code comprising a set of codes operable to direct the data processing system to attempt to match the set of user input to the second list to select a second element, wherein the second element is an adverb;

a second element selection code comprising a set of codes operable to direct the data processing system to display a list of possible second elements from the second list and permit selection of a member of the second list if a definitive match is not made by the second matching code;

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a third list reading code comprising a set of codes operable to direct the data processing

system to read a third list of attributes from the dictionary database based upon

the selected first element and the selected second element;

a third matching code comprising a set of codes operable to direct the data processing

system to attempt to match the set of user input to the third list to select a set of

third elements and corresponding third element values, wherein the third elements

are attributes;

a third element selection code comprising a set of codes operable to direct the data

processing system to display a list of possible third elements from the third list

and permit selection of a set of third elements and entry of corresponding third

element values if a definitive match is not made by the third matching code;

a composition code comprising a set of codes operable to direct the data processing

system to compose a specification of a good from the first element, the second

element, and the set of third elements and corresponding values.

246. (New) The method of claim 245 wherein the first list is mutually-exclusive.

247. (New) The method of claim 245 wherein the second list is mutually-exclusive.

248. (New) The method of claim 247 wherein the first list is mutually-exclusive.

249. (New) The computer program product of claim 245 further comprising:

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a specification writing code comprising a set of codes operable to direct the data

processing system to write the specification to a listing database.

250. (New) The computer program product of claim 245 further comprising:

a specification passing code comprising a set of codes operable to direct the data

processing system to passing the specification to a server.

251. (New) The computer program product of claim 245 wherein the specification is suitable

to be used to add a description of the good to a database.

252. (New) The computer program product of claim 245 wherein the specification is suitable

to be used to locate a description of a good within a database.

253. (New) The computer program product of claim 245 wherein the composition code

further comprises codes to direct the data processing system to compose the specification

in a different language from that previously used by the user to select the first element,

the second element and the set of third elements and corresponding values.

254. (New) The computer program product of claim 250 wherein the specification passing

code further comprises codes operable to direct the data processing system to pass to the

specification in a different language from that used by the user to select the first element,

the second element and the set of third elements and corresponding values.

255. (New) A method of doing business providing the service of specifying using a data processing system, the method of business comprising the steps of:

reading a first list of nouns from a dictionary database;

attempting to match a set of user input to the first list to select a first element, wherein the first element is a noun;

if a definitive match is not made, displaying a list of possible first elements from the first list and permitting selection of a member of the possible first elements list;

reading a second list of adjectives from the dictionary database based upon the selected first element;

attempting to match the set of user input to the second list to select a second element, wherein the second element is an adjective;

if a definitive match is not made, displaying a list of possible second elements from the second list and permitting selection of a member of the possible second element list;

reading a third list of attributes from the dictionary database based upon the selected first element and the selected second element;

attempting to match the set of user input to the third list to select a set of third elements and corresponding values, wherein the third elements are attributes;

if a definitive match is not made, displaying a list of possible third elements from the third list and permitting selection of a set of third elements and entry of corresponding values;

composing a specification of a service from the selected first element, the selected second

element, and the selected set of third elements and corresponding values; and

receiving revenues.

256.   (New) The method of doing business of claim 255 further comprising the step of

charging a user for the service of specifying.

257.   (New) The method of doing business of claim 255 further comprising the step of

charging an advertiser for the right to display an advertisement to the user of the service

of specifying.

258.   (New) The method of doing business of claim 255 comprising the additional step of

writing the specification to a listing database.

259.   (New) The method of doing business of claim 258 comprising the additional step of

passing the specification to a server.

260.   (New) The method of doing business of claim 258 wherein the specification is written in

a different language from that subsequently displayed.

261.   (New) The method of doing business of claim 259 wherein the specification is passed in

a different language from that subsequently displayed.

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262.   (New) The method of claim 255 wherein the first list is mutually-exclusive.

263.   (New) The method of claim 255 wherein the second list is mutually-exclusive.

264.   (New) The method of claim 263 wherein the first list is mutually-exclusive.

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265.   (New) A method of doing business providing the service of specifying using a data

processing system, the method of business comprising the steps of:

reading a first list of verbs from a dictionary database;

attempting to match a set of user input to the first list to select a first element, wherein the

first element is a verb;

if a definitive match is not made, displaying a list of possible first elements from the first

list and permitting selection of a member of the possible first elements list;

reading a second list of adverbs from the dictionary database based upon the selected first

element;

attempting to match the set of user input to the second list to select a second element,

wherein the second element is an adverb;

if a definitive match is not made, displaying a list of possible second elements from the

second list and permitting selection of a member of the possible second element

list;

reading a third list of attributes from the dictionary database based upon the selected first

element and the selected second element;

attempting to match the set of user input to the third list to select a set of third elements

and corresponding values, wherein the third elements are attributes;

if a definitive match is not made, displaying a list of possible third elements from the

third list and permitting selection of a set of third elements and entry of

corresponding values;

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composing a specification of a service from the selected first element, the selected second

element, and the selected set of third elements and corresponding values; and

receiving revenues.

266.   (New) The method of doing business of claim 265 further comprising the step of

charging a user for the service of specifying.

267.   (New) The method of doing business of claim 265 further comprising the step of

charging an advertiser for the right to display an advertisement to the user of the service

of specifying.

268.   (New) The method of doing business of claim 265 comprising the additional step of

writing the specification to a listing database.

269.   (New) The method of doing business of claim 268 comprising the additional step of

passing the specification to a server.

270.   (New) The method of doing business of claim 268 wherein the specification is written in

a different language from that subsequently displayed.

271.   (New) The method of doing business of claim 269 wherein the specification is passed in

a different language from that subsequently displayed.

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272.   (New) The method of claim 265 wherein the first list is mutually-exclusive.

273.   (New) The method of claim 265 wherein the second list is mutually-exclusive.

274.   (New) The method of claim 273 wherein the first list is mutually-exclusive.

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